

Title (en)
RIGID SHEET POLYTETRAFLUOROETHYLENE MATERIAL

Title (de)
STEIFES BLATTFÖRMIGES POLYTETRAFLUORÄTHYLENMATERIAL

Title (fr)
MATERIAU AU POLYTETRAFLUOROETHYLENE EN FEUILLE RIGIDE

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Application
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Priority

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Abstract (en)
[origin: US6030694A] A composite fluoropolymer material contains outer layers consisting essentially of conformable porous polytetrafluoroethylene (PTFE) and interior layers consisting essentially of rigid fluoropolymer material which may be a densified expanded PTFE, wherein the composite layers may optionally contain electrically conductive fillers. The composite is bonded together to form a sheet material that is sufficiently conformable to provide good seal between surfaces and is sufficiently rigid to make the material easy to handle and install. The material of the present invention is particularly suitable for use as a gasket where rigidity is needed, customization or modification of gasket shape is desirable, and/or where a wide, even sealing surface is sought.

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IPC 8 full level
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